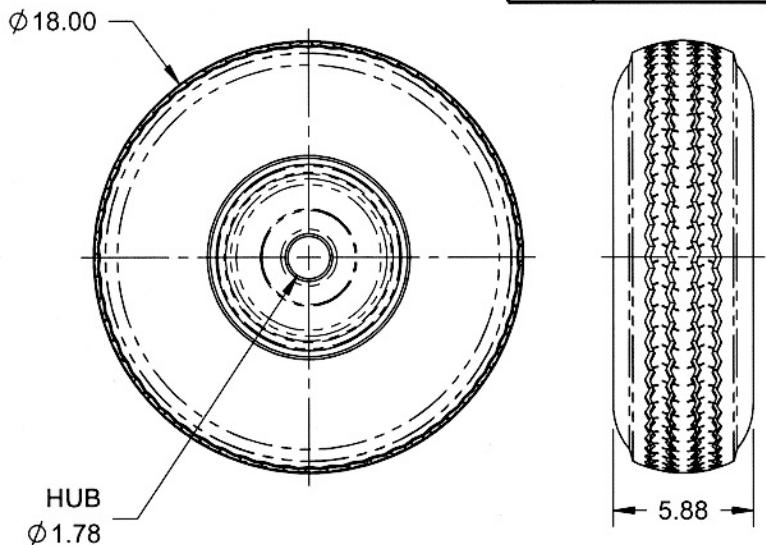


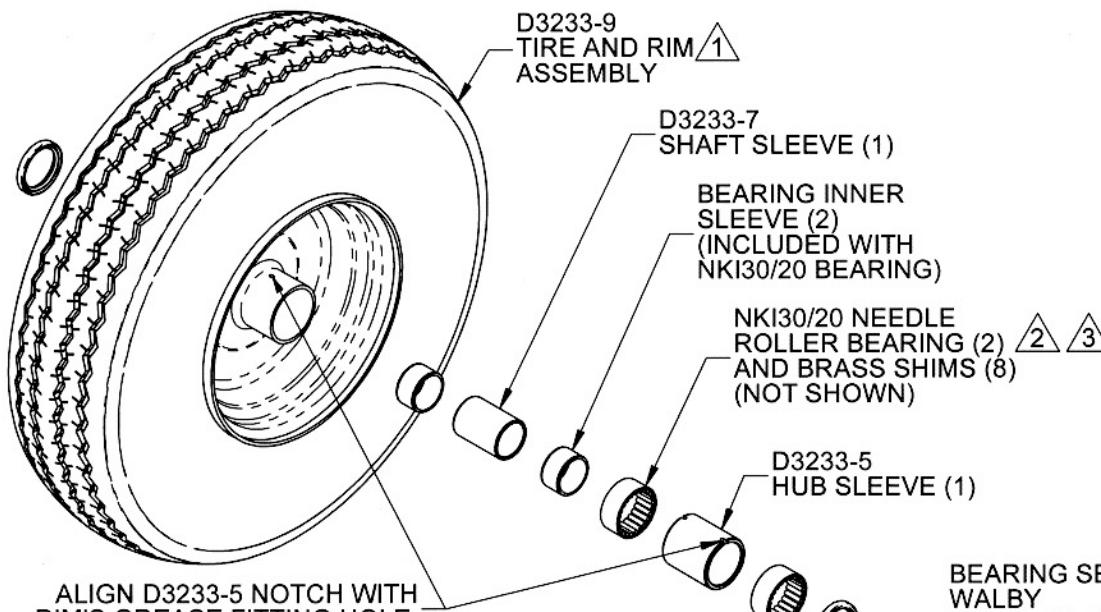
**DART**

DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
CHECKED	APPROVED	DRAWING NO.	D3233	REV. B SHEET 1 OF 3
DATE	05.03.08	TITLE	WHEEL ASSEMBLY	SCALE 1:1
A	05.02.18	NEW ISSUE		
B	05.03.08	ADDED BEARING SEALS		



WHEEL SPECIFICATIONS		
SIZE	MAXIMUM LOAD	MAXIMUM INFLATATION LOAD
TIRE: 19.0 x 5.8 RIM: 5.70 x 8.0	910 LBS (RANGE C)	90 PSI*

\* MANUFACTURER'S RECOMMENDATIONS  
ARE 75 PSI FOR HIGH SPEED USE.



### D3233-041 WHEEL ASSEMBLY

BEARING SEAL  
WALBY  
P/N 35x45x7  
OR  
CR 35x45x7 HMS4 R  
P/N 13927  
(2 PLACES)

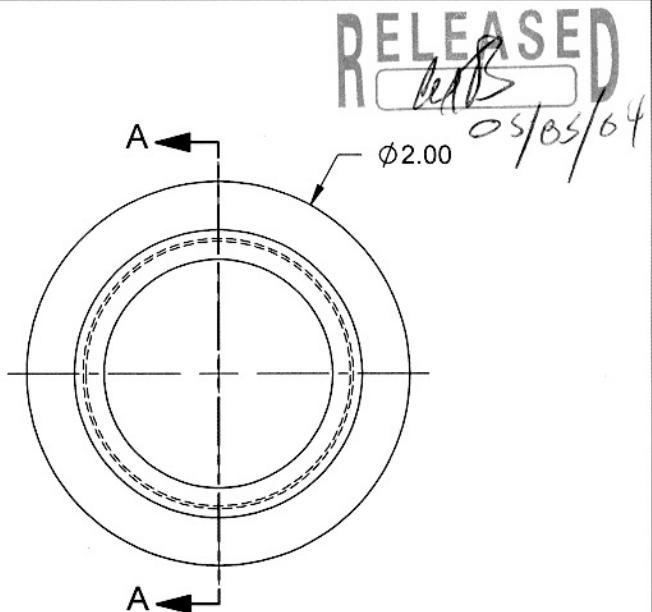
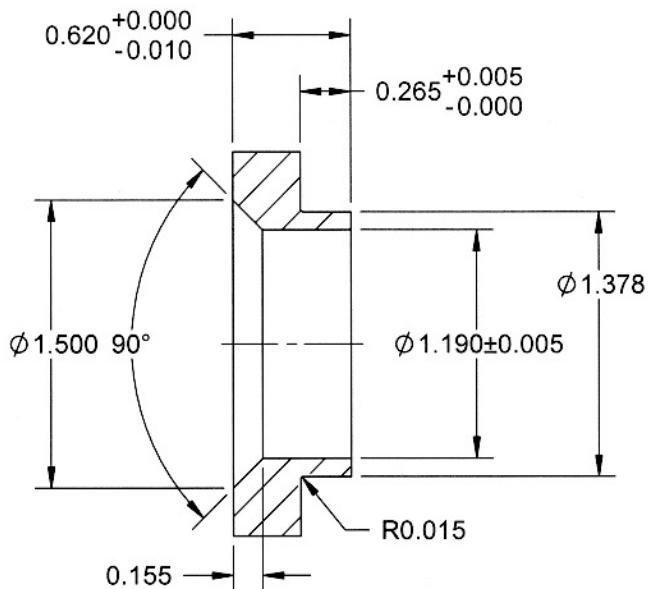
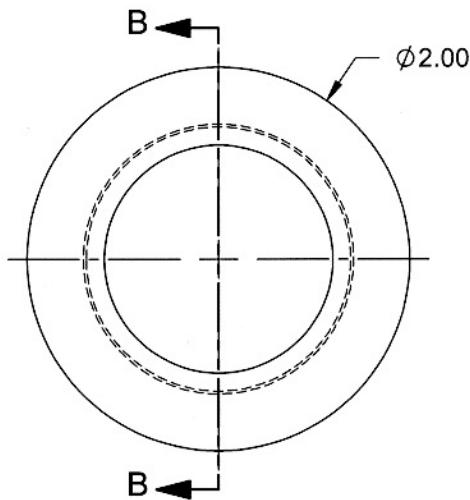
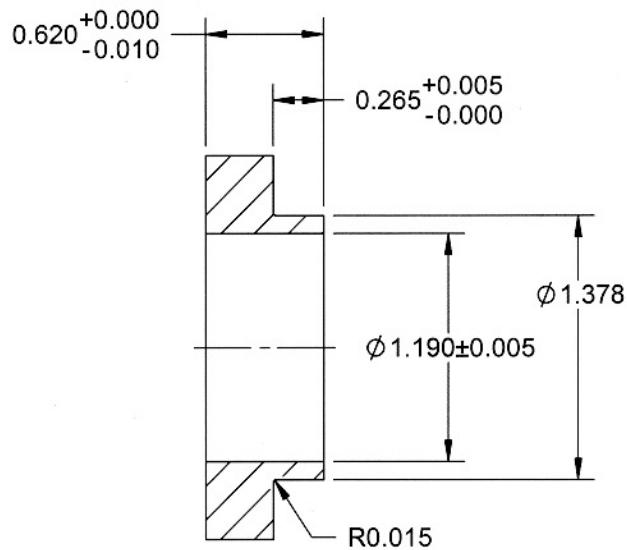
#### NOTES:

- 1) POSSIBLE SUPPLIER: McMaster-Carr, P/N 8353T74
- 2) POSSIBLE SUPPLIER: GENERAL BEARING
- 3) PRESS FIT NEEDLE ROLLER BEARINGS INTO RIM HUB WITH  
(4) 0.5 X 0.75 X 0.004 BRASS SHIMS PER BEARING, (1) AT EACH QUADRANT.
- 4) POSSIBLE SUPPLIER: GENERAL BEARING
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES

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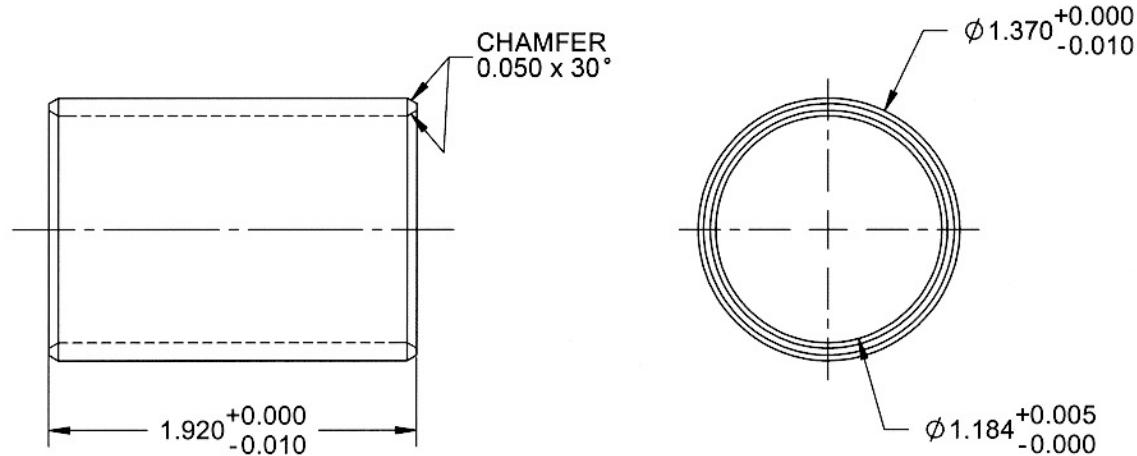
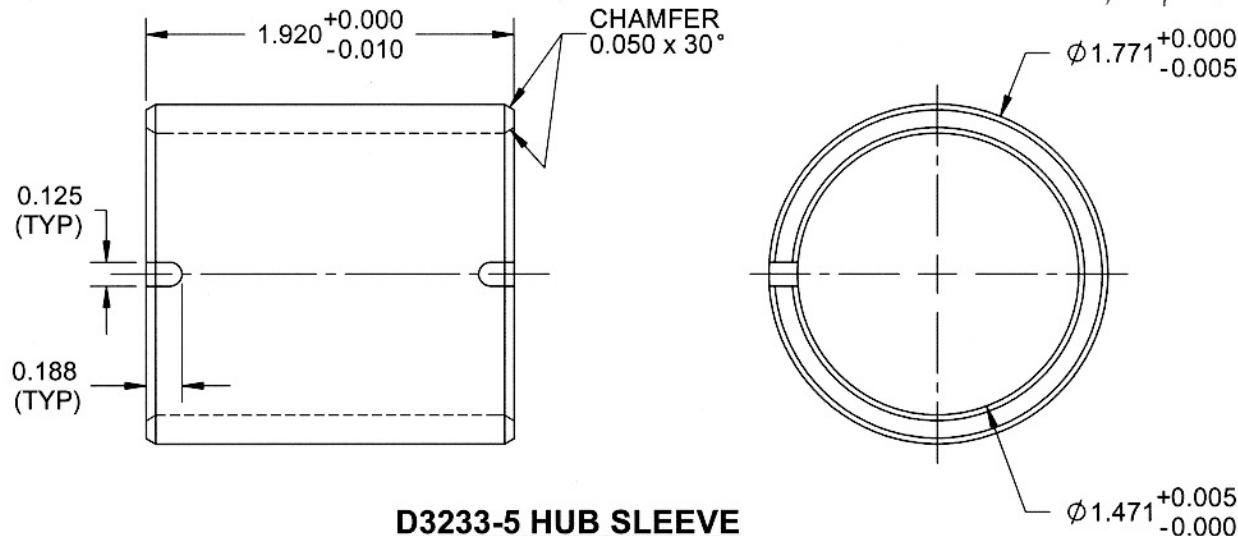
DESIGN <i>13</i>	DRAWN BY <i>13</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED <i>RF</i>	APPROVED <i>WBS</i>	DRAWING NO. D3233
DATE 05.03.08	TITLE WHEEL ASSEMBLY	SCALE 1:1

SECTION A-AD3233-1 INSIDE WASHERSECTION B-BD3233-3 OUTSIDE WASHERNOTES:

- 1) MATERIAL: AISI 1020-1025 ROUND TUBING PER MIL-T-5066 OR ASTM A513-00  
MT1020 SRA OR AMS 5075 OR AMS 5077, COLD DRAWN, SEAMLESS  
(REF. DART SPEC. M1020TR)
- 2) FINISH: POWDER COAT FIRE RED (REF. 4.3.5.10) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

**DART**

DESIGN <i>JB</i>	DRAWN BY <i>JB</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PF</i>	APPROVED <i>WPS</i>	DRAWING NO. D3233	REV. B SHEET 3 OF 3
DATE 05.03.08	TITLE WHEEL ASSEMBLY	SCALE 1:1	

**RELEASED**  
*AB*  
05/05/04

**D3233-7 SHAFT SLEEVE**

**NOTES:**

- 1) MATERIAL: AISI 1020-1025 ROUND TUBING PER MIL-T-5066 OR ASTM A513-00  
MT1020 SRA OR AMS 5075 OR AMS 5077, COLD DRAWN, SEAMLESS  
(REF. DART SPEC. M1020TR)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.030

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